



Technical Specifications

MOBOTIX Advanced Radiometry App

MOBOTIX Advanced Radiometry App

Monitor multiple temperature ranges with high accuracy on a single camera image and define different escalation levels. Connection to existing systems and integration into projects is child's play thanks to a variety of standard interfaces.

- Extension of the temperature measurement functions of MOBOTIX Thermal Radiometry cameras (CNPP France compliant)
- Individual calibration of up to 20 temperature measurement area (e.g. emissivity values)
- Temperature events when defined temperature thresholds are exceeded
- Detection of physical manipulation of the thermal sensor (e.g. sensor covered)
- Reporting of temperature data and threshold status of each zone via MODBUS/TCP and JSON

Best suited for the requirements of the following industries:

Utilities, Energy & Mining; Industry & Production, Government, Traffic & Transportation, Retail, Healthcare, Education & Science



BeyondHumanVision

MOBOTIX

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Product Information

Product Name	MOBOTIX Advanced Radiometry App
Supported MOBOTIX Cameras	M73 (Thermal Radiometry Sensor required)
Minimum Camera Firmware	V7.3.1.x
MxManagementCenter Integration	<ul style="list-style-type: none">min. MxMC v2.7Advanced Config license requiredEvent Search: Smart Data Interface license included
MOBOTIX HUB compatibility	<ul style="list-style-type: none">min. MOBOTIX HUB version: 2021 R1min. MOBOTIX HUB license level for Analytics Events: L2min. MOBOTIX HUB license level for MOBOTIX Event Search Plug-In: L4
Trial license	30-day trial license pre-installed

Product Features

App Features	<ul style="list-style-type: none">Extension of the temperature measurement functions of MOBOTIX Thermal Radiometry cameras (CNPP 19005 compliant)Definition of up to 20 temperature measurement areas within the field of view of the cameraindividual calibration of each temperature measurement area (e.g. emissivity values)Temperature events when defined temperature thresholds are exceededDetection of physical manipulation of the thermal sensor (e.g. sensor covered)MOBOTIX events via MxMessageSystem
Maximum number of measurement areas	20
Supported thermal sensor types	Thermal Radiometry
Dual / Multi Sensor usage	Yes
MxMessageSystem supported	Yes

Integration Interfaces	<ul style="list-style-type: none">■ Milestone X-Protect (via XML)■ Generic 3rd party integration through XML, JSON and MODBUS/TCP
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MOBOTIX events	Yes
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ONVIF Events	Yes (Generic Message events)
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Scene Requirements for Object Recognition

Recommended camera position	no restrictions
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Synchronous / Asynchronous App	Asynchronous
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Detection accuracy	Depending on the thermal sensor module used
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Simultaneous execution of other apps	Yes (depending on performance expectations)
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